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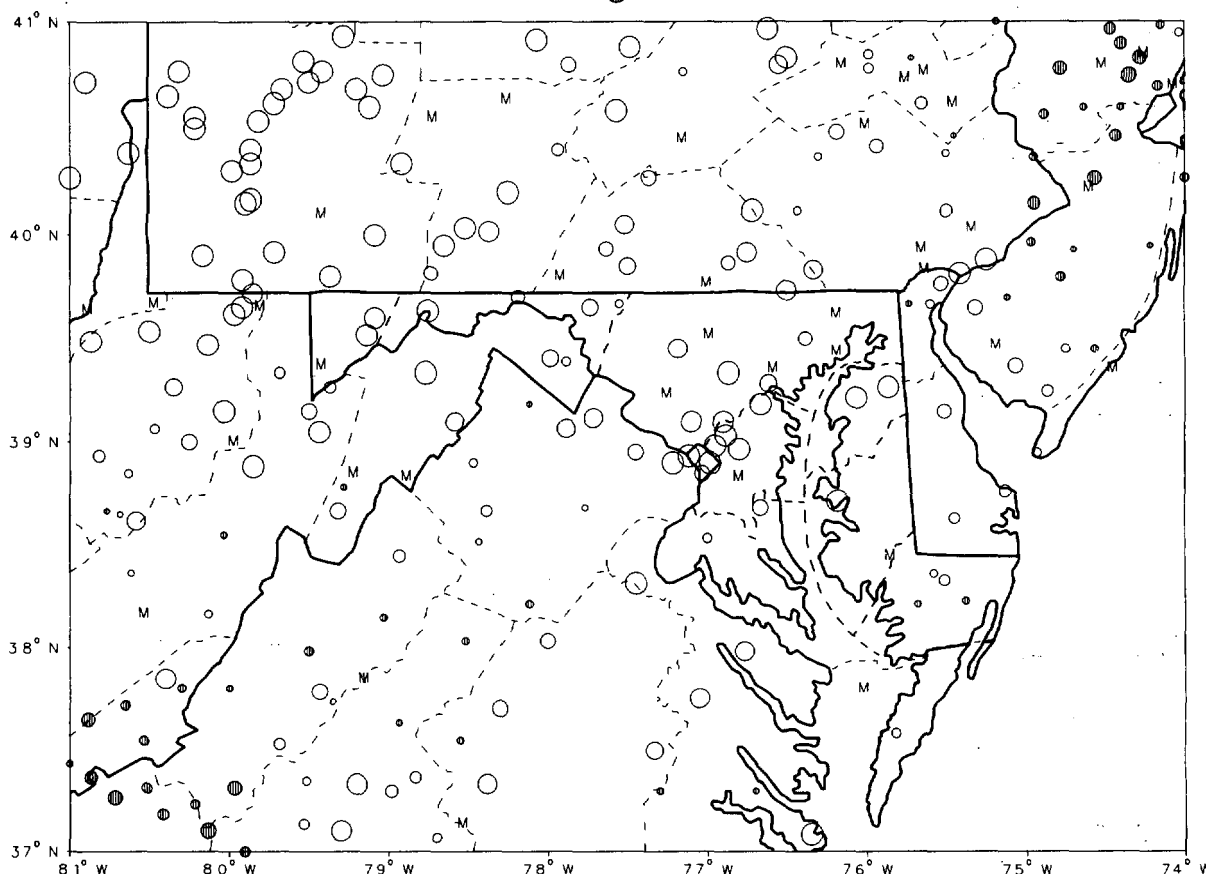
CLIMATOLOGICAL DATA MARYLAND AND DELAWARE

JUNE 1992

VOLUME 96 NUMBER 6

MONTHLY PRECIPITATION DEPARTURE FROM
INDIVIDUAL STATION NORMALS (1951-1980)

- M INCOMPLETE DATA FOR THE MONTH
- ▽ EXACTLY NORMAL
- ○ ○ ○ 5, 10, 20, ... 50% OR MORE BELOW NORMAL
- ● ● ● 10, 20, 40, ... 100% OR MORE ABOVE NORMAL



CIRCLE DIAMETER IS PROPORTIONAL TO DEPARTURE ON A CONTINUOUS SCALE

"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA). IT IS COMPILED USING INFORMATION FROM WEATHER OBSERVING SITES SUPERVISED BY NOAA/NATIONAL WEATHER SERVICE AND RECEIVED AT THE NATIONAL CLIMATIC DATA CENTER (NCDC), ASHEVILLE, NORTH CAROLINA 28801."

Kenneth D. Haden

DIRECTOR, NATIONAL CLIMATIC DATA CENTER

noaa

NATIONAL
OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL
ENVIRONMENTAL SATELLITE, DATA
AND INFORMATION SERVICE

NATIONAL
CLIMATIC DATA CENTER
ASHEVILLE NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND
DELAWARE
JUNE 1992

MARYLAND
HIGHEST TEMPERATURE 94
LOWEST TEMPERATURE 37
GREATEST TOTAL PRECIPITATION 5.11
LEAST TOTAL PRECIPITATION 1.14
GREATEST 1 DAY PRECIPITATION 2.50

JUNE 8
JUNE 23

BALTIMORE CITY
DALECARLIA RESERVOIR
ASSATEAGUE IS NATL SEA
COLLEGE PARK
ASSATEAGUE IS NATL SEA

R

DELAWARE
HIGHEST TEMPERATURE 91
LOWEST TEMPERATURE 44
GREATEST TOTAL PRECIPITATION 4.16
LEAST TOTAL PRECIPITATION 2.28
GREATEST 1 DAY PRECIPITATION 2.15

JUNE 8
JUNE 23+

LEWES
2 STATIONS
NEWARK UNIVERSITY FARM
GREENWOOD 2 NE
DOVER

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
JUNE 1992

STATION	TEMPERATURE (°F)													PRECIPITATION (IN)													
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW			SLEET			NO. OF DAYS		
											90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW					TOTAL	MAX. DEPTH ON GROUND	DATE	10 OR MORE	.50 OR MORE	1.00 OR MORE			
MARYLAND																											
SOUTHERN EASTERN SHORE 01																											
ASSATEAGUE IS NATL SEA	74.1	56.8	65.5		82	30	46	17	27	46	0	0	0	0	5.11		2.50	5	.0	0		5	3	2			
PRINCESS ANNE	80.1	56.2	68.8	-2.9	90	30	45	23	12	132	2	0	0	0	4.02	-1.61	1.42	5	.0	0		6	3	2			
SALISBURY	80.5	58.8	69.7	-2.9	88	15	49	23	8	155	0	0	0	0	3.36	-1.26	1.38	5	.0	0		8	2	1			
SALISBURY FAA ARPT	79.9	57.7	68.8	-2.8	90	8	45	23	18	139	1	0	0	0	2.94	-1.61	1.71	5	.0	0		5	1	1			
SNOW HILL 4 N	80.3	57.5	68.9	-2.7	90	8	45	23	18	143	1	0	0	0	4.71	.91	1.88	5	.0	0		4	3	3			
--DIVISIONAL DATA-->																											
CENTRAL EASTERN SHORE 02																											
ROYAL OAK 2 SSW	80.1	62.0	71.1	-2.4	89	8	50	23	4	191	0	0	0	0	1.75	-1.68	.87	5	.0	0		4	1	0			
VIENNA	M	M	M															M	M								
--DIVISIONAL DATA-->																											
LOWER SOUTHERN 03																											
LA PLATA 1 W	78.4	59.0	68.7	-2.9	87	30	48	23	16	135	0	0	0	0	3.35	-.43	1.20	24	.0	0		7	3	1			
MECHANICSVILLE 5 NE	78.9	57.7	68.3		88	8	46	23	20	128	0	0	0	0	3.60		1.56	24	.0	0		6	3	1			
OWINGS FERRY LANDING	79.6	57.9	68.8	-3.4	88	8	45	23	15	136	0	0	0	0	2.53	-1.18	1.23	5	.0	0		6	1	1			
--DIVISIONAL DATA-->																											
UPPER SOUTHERN 04																											
ANNAPOLIS POLICE BRKS	82.6	58.6	70.6		93	8	48	22	12	186	2	0	0	0	1.41		.90	5	.0	0		3	1	0			
BALTIMORE WSO ARPT	81.6	58.6	70.1	-2.1	93	30	46	22	8	168	2	0	0	0	1.89	-1.87	.75	5	.0	0		3	2	0			
BELTSVILLE	80.8	57.9	69.4	-1.9	90	9	44	23	16	154	1	0	0	0	1.33	-2.56	.67	6	.0	0		3	1	0			
COLLEGE PARK	81.5	60.5	71.0	-1.9	91	9	47	23	11	198	1	0	0	0	1.14	-2.71	.50	5	.0	0		4	1	0			
DALECARLIA RESERVOIR	82.3	50.1	66.2	-6.6	91	30	37	23	44	87	3	0	0	0	1.71	-1.97	.65	5	.0	0		5	1	0			
GLENN DALE BELL STN	80.2	56.1	68.2	-3.0	89	30	44	23	22	125	0	0	0	0	1.36	-2.51	.90	5	.0	0		3	1	0			
LAUREL 3 W	81.7	57.9	69.8	-2.8	93	8	45	22	16	164	2	0	0	0	2.06	-1.83	.98	5	.0	0		6	2	0			
NATIONAL ARBORETUM DC	81.4	59.7	70.6	-2.8	91	9	48	22	9	186	1	0	0	0	1.81	-2.14	.94	6	.0	0		4	1	0			
UPPER MARLBORO 3 NNW	M	M	M															M	M								
--DIVISIONAL DATA-->																											
NORTHERN EASTERN SHORE 05																											
CHESTERTOWN	81.8	59.2	70.5	-1.8	90	30	49	23	6	178	2	0	0	0	1.59	-2.65	1.02	5	.0	0		3	1	1			
MILLINGTON 1 SE	80.1	58.3	69.2	-1.9	87	30	46	23	11	143	0	0	0	0	1.91	-1.76	1.40	5	.0	0		3	1	1			
--DIVISIONAL DATA-->																											
NORTHERN CENTRAL 06																											
ABERDEEN PHILLIPS FIEL	80.2	61.1	70.7		88	30	48	22	9	185	0	0	0	0	2.61		1.51	5	.0	0		4	1	1			
BALTIMORE CITY	83.2	65.3	74.3	-1.0	94	8	53	22	0	285	4	0	0	0	2.39	-1.32	1.11	5	.0	0		4	2	1			
BENSON POLICE BARRACKS	82.1	59.7	70.9	.3	90	30	49	23	6	191	1	0	0	0	3.18	-1.12	1.93	5	.0	0		5	1	1			
CATOCTIN MOUNTAIN PARK	74.0	57.0	65.5		83	30	45	22	42	65	0	0	0	0	4.48		1.31	5	.0	0		8	4	1			
CLARKSVILLE 3 NNE	80.7	55.2	68.0		90	30	41	23	19	112	1	0	0	0	1.35		.93	5	.0	0		2	1	0			
CONOWINGO DAM	M	M	M															M	M								
EMMITSBURG 2 SE	77.4	55.7	66.6		84	29	44	23	25	77	0	0	0	0	3.86		1.10	5	.0	0		9	3	1			
FREDERICK POLICE BRKS	80.6	60.3	70.5		89	30	50	23	7	178	0	0	0	0	3.08		1.39	6	.0	0		3	3	1			
MILLERS 4 NE	76.5	57.3	66.9		85	30	45	23	28	93	0	0	0	0	2.45		.84	5	.0	0		7	2	0			
ROCKVILLE 1 NE	78.5	59.1	68.8	-2.7	86	30	47	23	17	139	0	0	0	0	2.17	-1.82	1.20	5	.0	0		6	1	1			
TOWSON	M	M	M															M	M								
UNIONVILLE	79.0	54.8	66.9	-2.4	89	30	43	23	29	93	0	0	0	0	2.33	-1.75	.92	25	.0	0		4	2	0			
WESTMINSTER POL BRKS	80.2	58.4	69.3	-1.6	90	30	46	22	17	153	1	0	0	0	1.51		.91	5	.0	0		3	1	0			

SEE REFERENCE NOTES FOLLOWING STATION INDEX
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MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
JUNE 1992

STATION:	TEMPERATURE (°F)												PRECIPITATION (IN)							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW SHEET			
									90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW					TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE
WOODSTOCK	81.0	56.6	68.8	-1.5	9030	4422	16	136	1	0	0	0	1.66	-2.37	1.18	5	.0	0		4 1 1
--DIVISIONAL DATA----->			68.9	-1.9									2.70	-1.35			.0			
APPALACHIAN MOUNTAIN 07																				
CUMBERLAND 2	79.8	55.2	67.5	-2.9	9030	4722	22	104	1	0	0	0	1.58	-2.20	.93	5	.0	0		4 1 0
FROSTBURG 2	70.6	51.8	61.2	-2.9	8130	4223	117	9	0	0	0	0	2.57	-1.16	1.16	5	.0	0		4 2 1
HAGERSTOWN	77.9	57.2	67.6	-3.4	8530+	4823	25	108	0	0	0	0	2.58	-1.34	1.04	6	.0	0		6 1 1
HANCOCK	77.8	55.2	66.5	-2.0	8730	4828+	37	86	0	0	0	0	2.87	-.99	.71	6	.0	0		6 2 0
--DIVISIONAL DATA----->			65.7	-3.8									2.40	-1.35			.0			
ALLEGHENY PLATEAU 08																				
MC HENRY 2 NW	70.9	51.7	61.3	-2.6	8230	4023+	118	18	0	0	0	0	3.03		1.03	6	.0	0		9 1 1
SAVAGE RIVER DAM	73.8	51.8	62.8	-2.6	8330	4423	89	28	0	0	0	0	1.59	-1.91	.58	5	.0	0		5 1 0
--DIVISIONAL DATA----->			62.1	-1.9									2.31	-1.83			.0			
DELAWARE																				
NORTHERN 01																				
NEWARK UNIVERSITY FARM	81.1	57.9	69.5	-1.8	8930	4423	12	155	0	0	0	0	4.16	-.41	1.62	5	.0	0		5 3 3
WILMINGTON WSO ARPT	79.7	59.5	69.6	-1.6	8930	4723	12	156	0	0	0	0	3.14	-.37	1.20	5	.0	0		4 2 2
WILMINGTON PORTER RSVR	78.3	60.3	69.3	-1.1	8630+	4823	15	151	0	0	0	0	2.87	-1.13	1.27	5	.0	0		4 3 1
--DIVISIONAL DATA----->			69.5	-1.7									3.39	-.30			.0			
SOUTHERN 02																				
DOVER	78.1	60.6	69.4	-3.2	88 9+	4923	14	152	0	0	0	0	2.64	-.97	2.15	5	.0	0		2 1 1
GEORGETOWN 5 SW	78.0	55.9	67.0	-4.5	89 9	4421	33	98	0	0	0	0	2.97	-.62	.80	6	.0	0		8 3 0
GREENWOOD 2 NE	78.8	57.6	68.2	-1.4	8730+	4523	20	123	0	0	0	0	2.28		1.52	5	.0	0		5 1 1
LEWES	78.4	60.1	69.3	-1.4	91 8	5023+	11	146	1	0	0	0	2.93	-.77	2.10	5	.0	0		7 1 1
--DIVISIONAL DATA----->			68.5	-3.3									2.71	-.94			.0			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
JUNE 1992

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND																																	
SOUTHERN EASTERN SHORE 01																																	
ASSATEAGUE IS NATL SEA	5.11					2.50		.02		.85	T			.05						T		.31	.04		.02	1.13	.04	.15		T			
PRINCESS ANNE	4.02					1.42	.02			.40							.52			.31		.35			.17	1.10	.02	.02					
SALISBURY	3.36					1.38				.61	T						.15			.31	.01	.32	.02		.16	.24	.16	T					
SALISBURY FAA ARPT	2.94				T	1.71				.36						T				.15		.30			.35	.06	.01						
SNOW HILL 4 N	4.71					1.88	.02			1.16										T		.37			.06	1.17	.05				.00		
CENTRAL EASTERN SHORE 02																																	
ROYAL OAK 2 SSW	1.75				T	.87	.03			.21										.18		T			.05	.09	.32						
VIENNA	M	-	-	-	-			-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LOWER SOUTHERN 03																																	
LA PLATA 1 W	3.35				.08	.53				.33										.34	.11	.11			1.20	T	.65						
MECHANICSVILLE 5 NE	3.60				.14	.90	T			.23										.10	T	.08			1.56	.01	.58						
OWINGS FERRY LANDING	2.53					1.23				.33										.01		.14			.22	.11	.49						
UPPER SOUTHERN 04																																	
ANNAPOLIS POLICE BRKS	1.41					.90	.01			.01										.29					.02	.05	.13					.00	
BALTIMORE WSO ARPT	1.89				.08	.75	T		.05										T	T		T			.35	.01					.65		
BELTSVILLE	1.33					.35	.67														.04				.03	.18	.06					.00	
COLLEGE PARK	1.14					.50	.32																		.09	.11	.12						
DALECARLIA RESERVOIR	1.71				.01	.66	.10			.11	.01									.36	.08				.02	.06	.30						
GLENN DALE BELL STN	1.36				T	.90	.02			.01										.19	.01				.05	.15	.03						
LAUREL 3 W	2.06				.10	.98	.50													.04					.24	.10						.10	
NATIONAL ARBORETUM DC	1.81					.22	.94	.01		.03	.01									.06	.12	.01			.07	.07	.27						
UPPER MARLBORO 3 NNW	M	-	-	-	-			-	-		-	-	-	-	-	-	-	-	-				-	-	-	-	-	-	-	-	-		
NORTHERN EASTERN SHORE 05																																	
CHESTERTOWN	1.59				T	1.02														.20					.25	.05						.07	
MILLINGTON 1 SE	1.91					1.40														.36	T				.02	.13							
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FIEL	M 2.61	-				1.51			T											.47			T		.08	.45	.10					.70	
BALTIMORE CITY	2.39				.03	1.11			.02																.30	.21	.02						
BENSON POLICE BARRACKS	3.18					1.93	.08	.04												.16	.48				.31	.18							
CATOCTIN MOUNTAIN PARK	4.48	.01			.02	1.31														.38	.61	.01			.24	.85	.15	.50				.40	
CLARKSVILLE 3 NNE	1.35				.01	.93	.05		T											.05						.31	T					.00	
CONOWINGO DAM	M	-	-	-				-	-	-	-	-	-	-	-	-	-	-	-														
EMMITSBURG 2 SE	3.86				T	1.10														.20	.20	.40			.10	.66	.40	.20				.60	
FREDERICK POLICE BRKS	3.08				T	.90	1.39													.62	.07				.02	.08							
MILLERS 4 NE	2.45	T			T	.84	.02	.31	T											.26					.14	.63	.11	T				.14	
POTOMAC FILTER PLANT	2.94				.07	.35	.78													.08	.69				.26	.35					.36		
ROCKVILLE 1 NE	2.17				.11	1.20	T		T											.10	.09				.39	.17					.11		
TOHSON	M	-	-	-				-	-	-	-	-	-	-	-	-	-	-	-														
UNIONVILLE	2.33				T	.63	.31													.35	.07												
WESTMINSTER POL BRKS	M 1.51				.01	.91	.04			T										.16	T					.92	.03	.36					
WOODSTOCK	1.66					1.18	.15	.02												.11	T				T	.20	T						
APPALACHIAN MOUNTAIN 07																																	
CUMBERLAND 2	1.58					.93	.33		.05											.05	.02				.10	.10							
EDGE MONT	3.83					.33	.44													.35	1.22				.11	.77	.50	.11					
FROSTBURG 2	2.57	.03	T			1.16	.90	T	.03	.09										.01	.03	.01	T		.17	.11	.02	.01					
HAGERSTOWN	2.58	T				.43	1.04			.01										.44	.12				.06	.35	.13						
HANCOCK	2.87					.70	.71													.39	.05				.05	.45	.10	.42					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
JUNE 1992

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALLEGHENY PLATEAU 08																																
MC HENRY 2 NW	3.03	.17	.05		T	.14	1.03	.03	.17	.18										.05	.05	.02	T		.22	.42	.26	.24			T	
MERRILL	1.90	.16				.70	.06		.10											.03	.12				.20	.31	.22					
SAVAGE RIVER DAM	1.59	.09	T			.58	.20		.06	.02						T				T	.02	T			.10	.28	.08	T				.16
DELAWARE																																
NORTHERN 01																																
NEWARK UNIVERSITY FARM	4.16					1.62	.02		.15											1.12	T					1.05	.20					
WILMINGTON WSO ARPT R	3.14	T	.01		.01	1.20	T		.42											.34		T			.10	.06						
WILMINGTON PORTER RSVR	2.87					1.27	.07													.59					.57	.37						.00
SOUTHERN 02																																
DOVER	2.64					2.15	T													.05	.07				.02	.35						.00
GEORGETOWN 5 SW	2.97	.12				.50	.80		.08	.15											.55		.20		.18	.09	.30					.00
GREENWOOD 2 NE	2.28					1.52			.14											.20		.23		.02	.15	.02						.00
LEWES	2.93		T			2.10	T		.16											.11	.10	.11			.15	.15	.05					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
JUNE 1992

STATION		OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND																																			
SOUTHERN EASTERN SHORE 01																																			
ASSATEAGUE IS NATL SEA		14	MAX OBS MIN	74 56 73	74 58 57	73 57	73 59	74 54	67 64	75 59	75 64	76 62	67 59	67 53	80 52	81 52	73 49	77 64	77 60	73 46	73 61	73 62	76 60	76 54	65 49	74 51	73 60	71 59	73 68	73 59	76 ***	78 ***	82 ***	74.1	
PRINCESS ANNE		17	MAX MIN	77 56	74 52	78 52	74 49	79 52	83 61	88 62	90 61	90 67	78 56	81 51	82 50	80 50	84 56	82 56	79 60	76 48	80 51	81 62	81 66	81 57	81 50	77 45	80 60	80 61	84 65	83 64	83 56	85 54	87 56	81.3	
SALISBURY		17	MAX MIN	76 57	74 58	78 52	76 52	75 60	83 63	88 63	88 72	85 67	79 59	80 55	81 54	81 52	81 59	88 62	81 62	77 52	80 54	81 64	83 66	67 54	79 50	82 49	80 61	78 60	83 64	83 64	85 60	86 58	87 61	80.5	
SALISBURY FAA ARPT		MID	MAX MIN	74 57	72 55	78 49	75 50	73 64	84 65	89 63	90 72	77 63	79 56	79 53	82 51	81 49	88 58	76 56	77 49	80 50	81 67	83 64	67 56	77 50	83 45	80 63	78 63	83 65	85 62	84 60	86 55	87 58	79.9		
SNOW HILL 4 N		17	MAX MIN	76 56	73 55	79 49	76 50	70 64	82 63	89 62	90 71	88 68	78 60	78 51	81 50	81 50	82 57	87 62	79 63	76 47	79 50	82 63	83 64	78 56	70 46	77 45	80 62	79 63	81 65	83 63	84 58	83 56	86 57	80.3	
CENTRAL EASTERN SHORE 02																																			
ROYAL OAK 2 SSW		18	MAX MIN	73 59	72 61	78 58	76 56	75 63	82 65	82 67	89 75	84 70	79 59	81 57	81 59	80 57	82 66	86 64	83 64	79 60	80 61	79 69	79 65	76 59	71 53	77 50	80 64	80 61	82 62	83 64	82 63	85 59	87 69	80.1	
VIENNA		18	MAX MIN																															M	
LOWER SOUTHERN 03																																			
LA PLATA 1 W		18	MAX MIN OBS	70 54	70 53	77 54	74 55	74 54	80 51	85 64	86 72	84 69	77 65	77 54	80 57	77 53	81 61	83 63	81 65	78 61	80 61	80 66	75 61	74 55	68 49	76 48	80 59	75 61	80 63	80 60	78 56	85 60	87 67	78.4	
MECHANICSVILLE 5 NE		19	MAX MIN	71 54	70 52	77 52	72 52	75 61	82 58	86 62	88 72	82 69	78 58	78 51	81 53	79 50	82 59	84 60	77 64	78 57	80 53	81 66	73 63	73 55	70 46	77 46	80 60	76 59	79 64	82 61	81 54	85 56	86 65	78.9	
OWINGS FERRY LANDING		17	MAX MIN	74 53	71 54	77 53	76 53	75 61	82 58	86 62	88 71	87 68	77 56	78 53	81 55	78 53	81 60	83 61	82 61	78 55	80 56	81 66	78 62	77 54	69 45	76 45	81 62	78 59	81 62	82 60	81 55	84 56	87 67	79.6	
UPPER SOUTHERN 04																																			
ANNAPOLIS POLICE BRKS		17	MAX MIN OBS	76 54	76 51	80 52	78 49	73 48	84 65	88 65	93 63	87 61	80 59	81 57	80 59	84 58	84 65	86 64	85 64	83 62	82 62	81 67	81 65	80 55	74 48	77 49	86 60	81 59	86 52	88 62	88 61	86 59	90 62	82.6	
BALTIMORE WSO ARPT		MID	MAX MIN	75 55	76 54	79 53	73 56	73 63	83 65	88 64	89 72	81 61	80 60	81 55	84 55	84 55	85 60	88 61	78 62	80 56	80 65	79 60	73 52	73 46	79 48	83 60	83 58	85 61	85 61	85 61	90 61	93 65	81.6		
BELTSVILLE		08	MAX MIN OBS	76 53	75 52	74 51	80 53	73 62	76 63	84 62	88 73	90 70	81 55	81 53	83 53	84 54	83 60	84 61	87 62	78 62	80 55	81 65	81 62	77 55	71 47	72 44	78 57	83 58	83 59	85 61	85 55	84 54	88 66	80.8	
COLLEGE PARK		09	MAX MIN	75 52	73 56	75 54	82 56	75 62	72 65	83 65	88 74	91 72	81 58	81 55	84 55	87 55	85 63	87 64	88 64	80 66	82 65	81 68	85 65	77 58	72 50	71 47	79 59	85 61	84 62	85 62	84 59	85 57	89 69	81.5	
DALECARLIA RESERVOIR		17	MAX MIN OBS	74 47	75 45	82 46	80 47	75 53	84 52	90 55	91 62	87 62	82 48	80 46	86 48	82 46	86 53	89 56	87 54	80 44	80 41	82 58	75 42	77 45	72 41	77 37	83 55	80 41	86 53	84 53	84 46	89 49	91 61	82.3	
GLENN DALE BELL STN		16	MAX MIN	73 52	72 52	77 50	78 51	70 61	79 63	82 65	87 71	88 67	79 52	81 50	83 51	84 48	84 57	86 63	86 60	79 56	80 53	80 62	78 61	70 49	70 46	78 62	81 56	81 60	82 60	82 52	82 51	85 53	89 64	80.2	
LAUREL 3 W		MID	MAX MIN	74 53	74 52	81 54	74 52	73 58	84 66	88 59	93 69	82 64	83 59	83 61	85 65	84 56	85 61	87 60	79 59	82 60	79 55	82 62	72 50	73 45	78 52	85 57	84 56	86 58	84 66	86 60	89 69	92 69	81.7		
NATIONAL ARBORETUM DC		07	MAX MIN	75 57	74 55	74 58	81 56	73 60	77 62	85 64	89 68	91 71	81 55	81 54	82 55	85 56	83 62	84 65	88 65	79 60	82 59	82 65	85 64	78 58	71 48	73 49	80 60	84 59	82 61	85 62	85 60	83 59	89 65	81.4	
UPPER MARLBORO 3 NNW		08	MAX MIN																															M	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
JUNE 1992

STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN EASTERN SHORE	05																																	
CHESTERTOWN	23	MAX	76	76	81	77	72	84	89	90	81	81	82	85	83	85	86	79	84	82	80	79	73	72	78	81	82	87	85	85	88	90	81.8	
		MIN	57	57	54	53	60	63	63	72	65	58	55	56	57	63	64	62	58	57	64	61	55	50	49	59	58	62	64	60	56	65	59.2	
MILLINGTON 1 SE	18	MAX	73	73	77	77	69	81	86	87	85	79	81	83	81	81	86	84	80	80	78	77	76	70	76	80	80	84	84	83	86	87	80.1	
		MIN	53	56	52	52	62	64	62	73	69	56	53	53	53	59	60	61	52	54	65	66	56	50	46	64	58	62	63	56	53	65	58.3	
		OBS																																
NORTHERN CENTRAL	06																																	
ABERDEEN PHILLIPS FIELD	16	MAX	73	73	79	79	72	81	86	88	84	80	80	83	82	82	85	87	80	80	79	78	75	69	74	77	79	83	83	81	85	88	80.2	
		OBS																																
		MIN	58	58	55	57	65	67	65	72	72	61	60	58	56	61	62	65	62	60	67	63	57	48	49	66	57	60	65	62	56	68	61.1	
		OBS																																
BALTIMORE CITY	MID	MAX	76	76	80	74	73	86	89	94	85	82	84	86	86	86	91	80	82	81	84	81	74	76	79	84	85	86	87	87	91	92	83.2	
		MIN	56	62	62	63	63	67	71	77	71	66	66	66	66	67	71	67	67	64	68	62	57	53	58	64	63	66	69	66	68	73	65.3	
BENSON POLICE BARRACKS	17	MAX	74	75	80	80	73	82	87	88	85	83	83	86	85	85	88	88	83	82	80	77	78	72	77	80	84	84	84	84	87	90	82.1	
		MIN	58	57	54	56	62	65	64	70	69	59	52	56	57	60	62	59	62	57	66	59	55	49	49	65	59	60	65	61	56	67	59.7	
CATOCTIN MOUNTAIN PARK	17	MAX	65	69	73	73	64	75	80	77	75	76	74	77	78	78	80	77	75	73	75	73	64	66	69	73	73	75	75	75	80	83	74.0	
		MIN	52	52	55	55	56	60	62	68	64	55	56	59	58	61	63	55	57	57	65	56	47	45	49	59	54	57	56	54	59	65	57.0	
CLARKSVILLE 3 NNE	17	MAX	73	75	80	79	70	83	87	86	83	79	81	83	83	83	85	83	79	79	81	79	77	70	79	81	81	83	83	81	86	90	80.7	
		MIN	52	50	48	51	61	61	59	68	67	52	49	49	49	53	59	57	55	53	63	62	53	42	41	63	55	56	62	51	51	64	55.2	
CONOWINGO DAM	MID	MAX																															M	
		MIN																															M	
EMMITSBURG 2 SE	17	MAX	72	73	77	77	69	79	84	82	77	76	77	79	80	82	83	76	78	74	78	73	73	69	73	78	78	80	79	78	84	83	77.4	
		MIN	53	53	47	53	60	61	58	69	67	54	51	49	52	55	56	56	56	56	64	62	49	49	44	61	55	56	62	51	51	61	55.7	
FREDERICK POLICE BRKS	17	MAX	74	74	80	80	69	80	86	86	85	81	81	83	84	83	86	84	80	77	81	77	72	72	75	81	81	84	84	82	87	89	80.6	
		MIN	58	57	56	59	60	62	64	73	75	59	55	55	60	61	64	61	60	60	64	65	55	50	50	64	58	57	65	57	67	68	60.3	
MILLERS 4 NE	18	MAX	67	73	78	74	67	78	84	82	76	76	77	80	79	81	80	78	77	76	77	70	65	68	73	77	78	79	78	78	84	85	76.5	
		MIN	56	55	53	54	60	64	62	69	65	57	50	54	58	58	60	57	60	57	62	60	50	46	45	62	53	55	62	55	54	65	57.3	
ROCKVILLE 1 NE	MID	MAX	70	72	80	69	72	81	86	86	81	79	79	83	81	83	84	76	78	79	80	73	67	71	77	79	78	83	79	79	85	86	78.5	
		MIN	57	55	52	56	61	61	64	72	64	59	53	55	54	63	64	61	63	61	65	58	53	48	47	59	59	61	64	58	56	69	59.1	
TOWSON	18	MAX																															M	
		MIN																															M	
UNIONVILLE	17	MAX	72	73	79	77	71	80	86	85	78	77	80	82	83	83	84	78	80	78	80	72	70	71	76	78	79	82	82	80	86	89	79.0	
		MIN	50	50	46	52	61	59	60	68	64	51	48	48	50	53	59	53	57	54	64	58	50	44	43	63	53	58	63	48	51	65	54.8	
WESTMINSTER POL BRKS	17	MAX	73	74	82	82	70	82	83	84	82	79	81	85	83	85	84	83	82	79	82	72	70	69	75	80	81	83	84	81	87	90	80.2	
		MIN	56	54	53	54	58	63	65	71	66	57	56	57	61	59	64	59	60	56	61	59	47	46	50	61	59	58	62	59	57	63	58.4	
WOODSTOCK	18	MAX	73	75	81	77	70	83	86	87	82	81	83	85	84	85	87	84	81	79	81	76	70	72	79	80	81	85	82	84	88	90	81.0	
		MIN	52	52	50	53	60	63	60	70	68	55	51	52	52	54	60	57	59	55	63	62	53	44	45	63	55	57	62	55	52	64	56.6	
APPALACHIAN MOUNTAIN	07																																	
CUMBERLAND 2	18	MAX	70	75	81	78	69	82	81	79	81	80	81	83	84	84	87	83	80	79	83	77	63	71	77	80	81	84	80	83	88	90	79.8	
		MIN	53	51	52	57	59	56	56	65	53	51	52	55	56	58	55	55	60	63	60	52	49	47	51	53	54	59	51	53	56	65	55.2	
FROSTBURG 2	07	MAX	61	63	67	73	60	63	75	78	72	74	72	73	75	76	76	78	71	72	72	76	60	51	62	69	72	74	76	72	74	81	70.6	
		MIN	50	51	50	50	54	54	55	55	60	54	51	51	51	54	55	53	53	58	59	56	46	43	42	45	51	52	51	48	50	53	51.8	
HAGERSTOWN	08	MAX	72	72	74	80	71	70	81	85	80	79	79	81	82	83	85	84	78	80	78	81	68	63	71	76	80	78	81	80	79	85	77.9	
		OBS																																
		MIN	55	54	52	55	59	60	62	69	65	55	54	55	59	60	62	57	60	61	62	59	50	51	48	52	53	59	60	54	55	59	57.2	
		OBS																																
HANCOCK	08	MAX	71	71	72	81	69	71	80	84	78	78	78	81	82	84	85	85	80	80	81	82	67	60	70	76	80	80	81	80	79	87	77.8	
		MIN	55	55	50	51	57	62	56	58	65	50	48	48	54	56	57	56	58	62	63	58	50	52	48	49	56	59	62	48	55	59	55.2	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
JUNE 1992

STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY PLATEAU 08																																		
MC HENRY 2 NW	08	MAX	57	59	68	74	60	68	71	75	70	75	75	74	76	79	74	80	75	77	72	74	59	53	65	70	70	74	75	71	76	82	70.9	
		MIN	48	48	49	53	53	53	56	58	56	50	51	50	53	56	58	53	54	59	61	50	42	40	40	47	53	52	54	48	48	58	51.7	
SAVAGE RIVER DAM	08	MAX	64	66	70	75	63	67	76	80	75	78	75	75	78	79	80	81	74	78	76	78	65	56	66	71	75	78	81	74	78	83	73.8	
		MIN	52	52	47	49	55	57	53	54	62	47	47	47	48	53	56	52	54	58	59	58	48	47	44	46	51	54	55	46	49	53	51.8	
DELAWARE																																		
NORTHERN 01																																		
NEWARK UNIVERSITY FARM	17	MAX	74	75	80	80	72	83	88	87	85	80	81	84	83	82	86	85	81	79	79	80	76	69	76	81	82	84	81	82	88	89	81.1	
		MIN	56	58	55	52	60	64	61	70	67	58	52	52	58	58	60	60	55	52	62	65	54	47	44	59	56	59	64	55	61	64	57.9	
WILMINGTON WSO ARPT	MID	MAX	73	75	79	75	69	82	86	87	81	82	82	84	82	82	87	76	78	78	79	77	70	70	76	80	81	82	82	83	83	89	79.7	
		MIN	56	57	56	57	63	65	63	71	64	58	56	56	60	62	64	61	58	56	65	58	51	49	47	60	57	61	66	59	60	68	59.5	
WILMINGTON PORTER RSVR	MID	MAX	71	75	79	75	67	80	85	86	79	79	80	83	81	81	84	78	77	78	75	74	67	69	75	78	80	81	80	82	83	86	78.3	
		MIN	58	56	58	55	63	65	64	71	67	60	59	57	62	62	64	62	59	59	65	59	50	49	48	62	58	61	65	62	60	68	60.3	
SOUTHERN 02																																		
DOVER	17	MAX	71	71	74	72	66	76	86	88	88	78	78	78	80	79	84	84	74	79	79	75	75	64	70	80	80	81	83	81	82	87	78.1	
		MIN	62	59	58	53	64	62	63	71	70	62	56	54	58	64	63	64	54	54	66	66	58	53	49	64	60	64	62	62	58	64	60.6	
GEORGETOWN 5 SW	08	MAX	65	73	71	72	79	70	82	88	89	74	76	77	81	84	82	86	75	77	79	79	80	69	69	77	78	81	83	80	83	81	78.0	
		MIN	55	56	53	54	48	55	63	73	69	59	52	51	50	60	60	60	50	53	56	59	44	48	47	53	51	61	58	61	55	62	55.9	
GREENWOOD 2 NE	18	MAX	71	70	78	74	70	76	85	87	81	77	78	81	82	81	86	75	79	80	75	78	73	69	77	80	80	83	83	82	85	87	78.8	
		MIN	55	56	54	51	60	63	62	70	62	58	54	55	50	58	60	62	60	48	63	64	53	47	45	61	59	62	62	59	55	60	57.6	
LEWES	17	MAX	75	72	77	74	66	79	87	91	89	74	74	80	81	80	82	76	75	78	78	76	74	69	74	80	78	79	81	81	83	88	78.4	
		MIN	57	56	55	54	61	62	66	73	65	63	55	54	55	62	63	63	54	57	67	67	56	50	50	64	64	64	64	63	60	60	60.1	

SEE REFERENCE NOTES FOLLOWING STATION INDEX.

EVAPORATION AND WIND

MARYLAND AND
DELAWARE
JUNE 1992

STATION		DAY OF MONTH																															JUNE 1992	TOTAL OR AVG
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MARYLAND																																		
UPPER SOUTHERN BELTSVILLE		04	WIND	30	56	5	33	37	2	0	0	2	0	0	1	1	2	2	12	9	8	3	7	30	11	43	27	27	38	55	25	53	519	
			EVAP	18	18	13	24	8	16	10	15	25	19	28	24	32	24	20	29	22	24	18	10	24	28	25	23	14	20	22	35	27	29	6.44
			MAX	82	78	80	90	75	87	92	91	94	86	92	92	94	94	94	95	87	86	84	84	86	79	82	85	86	92	93	90	95	94	88.0
			MIN	58	58	59	61	61	75	65	64	70	60	60	60	60	58	61	65	63	60	62	67	58	50	50	55	63	65	65	58	59	64	61.1
ALLEGHENY PLATEAU		08																																
SAVAGE RIVER DAM			WIND	40	42	17	19	60	15	20	8	10	27	28	28	23	21	16	17	33	35	20	37	59	71	47	16	27	32	26	57	20	16	887
			EVAP	4	12	12	14	*	3	9	6	7	18	32	9	20	14	10	20	14	17	6	11	14	15	16	11	13	14	10	22	26	16	3.95
			MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
			MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
DELAWARE																																		
NORTHERN		01																																
NEWARK UNIVERSITY FARM			WIND	49	32	22	29	96	22	15	23	27	39	14	17	24	18	20	42	19	23	9	32	56	72	22	18	29	15	25	17	20	17	863
			EVAP	18	13	18	25	-	5	21	23	23	33	21	27	25	14	34	27	19	22	-	15	24	25	19	20	27	29	25	18	22	33	6.708
			MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
			MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M

EVAPORATION: IS MEASURED IN HUNDRETHS OF INCHES

WIND: IS MEASURED IN MILES

MAX AND MIN: THE MAXIMUM AND MINIMUM TEMPERATURES (FAHRENHEIT) OF THE WATER IN THE EVAPORATION PAN

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND (INCHES)

MARYLAND AND
DELAWARE
JUNE 1992

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARYLAND																																
DELAWARE																																
NORTHERN	01																															
WILMINGTON WSO ARPT	RSNOWFALL SN ON GND WTR EQUIV																															

SNOWFALL: INCLUDES SNOW AND ICE. VALUES FOR NWS STATIONS (J INDEX NOTE) ARE MID-MID (LST).
 SNOW ON GROUND: INCLUDES SNOW, SLEET, ICE AND HAIL. VALUES FOR NWS STATIONS (J INDEX NOTE) ARE OBSERVED AT 0000 UTC (GMT).
 WATER EQUIVALENT: GIVEN FOR NWS STATIONS (J INDEX NOTE) ONLY, WHEN SNOW DEPTH IS 2 INCHES OR MORE.
 SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
JUNE 1992

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES					OBSERVER	
							LOCAL STD TIME						
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)			
MARYLAND													
ABERDEEN PHILLIPS FIEL	001506		HARFORD	39 28	76 10W	57	16	16		C	H	PHILLIPS ARMY AIRFIELD	
ANNAPOLIS POLICE BRKS	011930		ANNE ARUNDEL	38 59	76 30W	30	17	17		H	H	ANNAPOLIS POLICE BRKS	
ASSATEAGUE IS NATL SEA	033501		WORCESTER	38 14	75 8W	10	14	07				NATIONAL PARK SERVICE	
BALTIMORE WSO ARPT	046504		ANNE ARUNDEL	39 11	76 40W	148	MID	MID		C	H J	NATL WEATHER SERVICE	
BALTIMORE CITY #	047006	R	BALTIMORE CI	39 17	76 37W	14	MID	MID		C	C	NATIONAL WEATHER SERVICE	
BELTSVILLE	070004		PRINCE GEORG	39 2	76 53W	120	08	08		08	C	H	USDA CHEM & BIOPHYS LAB
BENSON POLICE BARRACKS	073206		HARFORD	39 30	76 23W	365	17	17			C	H	MARYLAND STATE POLICE
CATOCTIN MOUNTAIN PARK	153006		FREDERICK	39 39	77 29W	1610	17	17			C	H	CATOCTIN MOUNTAIN PARK
CHESTERTOWN	175005		KENT	39 13	76 4W	40	23	23			H	H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	186206		HOWARD	39 15	76 56W	370	17	17			H	H	UNIV OF MD AGRONOMY DEPT
COLLEGE PARK	199504		PRINCE GEORG	38 59	76 57W	90	09	09		C	H	H	UNIVERSITY OF MARYLAND
CONOWINGO DAM	206006		HARFORD	39 39	76 10W	40	MID	MID					SUSQUEHANNA ELECTRIC CO
CRISFIELD SOMERS COVE	221501		SOMERSET	37 59	75 52W	8	17	17					INACTIVE 03/01/91
CUMBERLAND 2	228207		ALLEGANY	39 38	78 45W	730	18	07			H	H	TIMOTHY B THOMAS
DALECARLIA RESERVOIR	232504		DIS COLUMBIA	38 56	77 7W	150	17	17					U S CORPS OF ENGINEERS
DAMASCUS 2 SW	233506		MONTGOMERY	39 16	77 14W	722	19	19			H	H	INACTIVE 01/01/92
EDGEMONT	277007		WASHINGTON	39 40	77 33W	905		07					JOHN W HARNE
EMMITSBURG 2 SE	290606		FREDERICK	39 41	77 18W	416	17	17			H	H	LUCILLE K BEALE
FREDERICK POLICE BRKS	334806		FREDERICK	39 25	77 26W	380	17	17			H	H	MARYLAND STATE POLICE
FROSTBURG 2	341507		ALLEGANY	39 40	78 56W	2170	07	07			H	H	KENNETH L CLOSE
GLENN DALE BELL STN	367504		PRINCE GEORG	38 58	76 48W	150	16	16			H	H	USDA PLANT INTRODUCT STN
HAGERSTOWN	397507		WASHINGTON	39 39	77 44W	660	08	08			H	H	HAGERSTOWN RESERVOIR
HANCOCK	403007		WASHINGTON	39 42	78 11W	428	08	08			C	H	TOWN OF HANCOCK
LA PLATA 1 W	508003		CHARLES	38 32	77 0W	140	18	18			H	H	C RUSSELL LEVERING
LAUREL 3 W	511104		PRINCE GEORG	39 6	76 54W	400	MID	MID					WA SUBURBAN SANITARY COM
MC HENRY 2 NW	583208		GARRETT	39 35	79 22W	2680	08	08		C	H	H	JOSEPH F JOHENNING
MECHANICSVILLE 5 NE	586503		ST MARYS	38 27	76 41W	100	19	19			H	H	SANDRA J HASTINGS
MERRILL	589408		GARRETT	39 36	79 5W	1790		09			H	H	DELWOOD E MERRILL
MILLERS 4 NE	593406		CARROLL	39 43	76 48W	860	18	18			C	H	BOBBY P MILLER
MILLINGTON 1 SE	598505		KENT	39 16	75 52W	30	18	18					HOWARD L HARVEY
NATIONAL ARBORETUM DC	635004		DIS COLUMBIA	38 54	76 59W	50	07	07			H	H	US NATIONAL ARBORETUM
OAKLAND 1 SE	662008		GARRETT	39 24	79 24W	2420	17	17			H	H	INACTIVE 04/01/92
OWINGS FERRY LANDING	677003		CALVERT	38 41	76 40W	160	17	17			H	H	JAMES C RASMUSSEN
POTOMAC FILTER PLANT	727206		MONTGOMERY	39 2	77 15W	270		08					POTOMAC WATER FILT PLANT
PRINCESS ANNE	733001		SOMERSET	38 13	75 41W	20	17	17					UNIV OF MD EASTERN SHORE
ROCKVILLE 1 NE	770506		MONTGOMERY	39 6	77 6W	440	MID	17			H	H	WASHINGTON GAS & ELEC CO
ROYAL OAK 2 SSW	780602		TALBOT	38 43	76 11W	10	18	18			H	H	JOHN L SWAINE JR
SALISBURY	800001		WICOMICO	38 22	75 35W	10	17	17					CITY OF SALISBURY
SALISBURY FAA ARPT #	800501		WICOMICO	38 20	75 31W	50	MID	MID			H	H	FAA
SAVAGE RIVER DAM	806508		GARRETT	39 31	79 8W	1495	08	08		08	C	H	US CORPS OF ENGINEERS
SNOW HILL 4 N	838001		WORCESTER	38 14	75 23W	30	17	17			H	H	CURTIS E SHOCKLEY
TOWSON	887706		BALTIMORE	39 23	76 34W	390	18	18					ENVIRONMENTAL TECH GROUP
UNIONVILLE	903006		FREDERICK	39 27	77 11W	430	17	07			C		RICHARD GETZANDANNER
UPPER MARLBORO 3 NNW	907004		PRINCE GEORG	38 52	76 47W	100	08	08		08	H	H	UNIVERSITY OF MARYLAND
VIENNA	914002		DORCHESTER	38 29	75 50W	10	18	18					DELMARVA POWER & LIGHT
WESTMINSTER POL BRKS	944006		CARROLL	39 33	76 58W	765	17	17			H	H	MARYLAND STATE POLICE
WOODSTOCK	975006		BALTIMORE	39 20	76 52W	460	18	18			H		JOHN A HILTZ
DELAWARE													
DOVER	273002		KENT	39 9	75 31W	30	17	17			H	H	STATE DIV OF HIGHWAYS
GEORGETOWN 5 SW	357002		SUSSEX	38 38	75 27W	45	08	08		08	C	H	UNIV OF DEL SUBSTATION
GREENWOOD 2 NE	359502		SUSSEX	38 50	75 35W	45	18	18			H	H	DANIEL M SWARTZENTRUBER
LEWES	532002		SUSSEX	38 46	75 8W	15	17	17					BOARD OF PUBLIC WORKS
MILFORD 4 SE	591502		SUSSEX	38 54	75 28W	30	17	17			H	H	INACTIVE 05/01/91

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
JUNE 1992

JUNE 1992

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)	
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44W	90	17	17	17	C H	UNIV OF DEL AGRIC FARM
WILMINGTON WSO ARPT	R 9595	01	NEW CASTLE	39 40	75 36W	79	MID	MID		C H J	NATL WEATHER SERVICE
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	274	MID	MID		H	WATER DEPARTMENT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

MARYLAND AND
DELAWARE
JUNE 1992

DEFINITIONS

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

DIVISIONS: Areas within a state of similar climatological characteristics. Division averages are calculated using data from stations that record both temperature and precipitation (ie: not precipitation alone).

NORMALS: The average value of the meteorological element over a time period. Effective 1 January 1983, the averaging period is 1951 to 1980. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each whole degree that the daily mean temperature is BELOW (ABOVE) 65 degrees Fahrenheit.

PRECIPITATION: Values shown in hundredths of inches are water equivalent totals, i.e. total of liquid and melted frozen precipitation. In the "MONTHLY SUMMARIZED DATA" table the total snow and sleet values shown in tenths of inches are unmelted amounts. The max. depth on ground values of snow and sleet shown in whole inches are cumulative unmelted amounts. The no. of days with .10, .50, 1.00 or more refers to water equivalents.

TEMPERATURE: Original and edited temperature values are given in the Daily Temperature Table. Edited values are produced when an original value is missing or when surrounding stations indicate a suspect original value. When a line labeled OBS is present and contains either a daily temperature (suspect) or *** (missing), the temperature appearing directly above, on the line labeled MAX or MIN, is an edited value. Summary temperature information (averages, departures, extremes, monthly degree day totals) is based on the values labeled MAX/MIN.

WIND: (As shown in "Evaporation and Wind" table) The total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

- # Thermometers located in a rooftop shelter.
- // Rain Gage equipped with a windshield.
- AR Observation made "after rain" has occurred.
- C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording rain gage unless indicated by an R.
- G Observations appear in "Soil Temperatures" table.
- H Observations appear in "Snowfall and Snow on Ground" table.
- J Station also published as a Local Climatological Data publication.
- MID Observation time is midnight.
- MO Rain gage read once monthly, usually the last day.
- OC Rain gage readings vary from a few weeks to several months.
- R Amounts from recording rain gage.
- SR Observation time near sunrise.
- SS Observation time near sunset.
- VAR Observation time varies.
- WI Rain gage read weekly or irregularly.
- WM Rain gage read weekly and last day of month.

SYMBOLS AND LETTERS USED IN THE DATA TABLES

(DAILY DATA ARE FOR THE 24 HOURS IMMEDIATELY PRECEDING OBSERVATION TIME.)

- BLANK entries in the "Monthly Summarized Data" table indicate no record.
- BLANK entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero.
- BLANK entries in the "Daily Temperature" table indicate a missing record where an edited value could not be determined. (See *** below)
- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication.
- + Precipitation or temperature extremes occurred on one or more previous dates during the month.
- *** Missing original temperature which has been estimated during edit.
- * Rain gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. A * preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).
- // Rain gage equipped with a windshield.
- A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading. (HAWAII stations)
- B Adjusted monthly value (estimated), (1-7 missing values for wind and evaporation).
- M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. M appears alone if 10 or more daily values are missing, (8 or more for wind and evaporation).
- R Amounts from recording rain gage.
- T Trace. An amount too small to measure.
- V Includes total for previous month(s). (See * above)

Seasonal tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data are published in the July issue of this bulletin. Cooling degree days for the calendar year are published in the "Climatological Data Annual Summary".

The graphic displays appearing in this publication were first produced for the January 1987 data month. The types of graphs and the information they portray may vary from month to month and from state to state in order to highlight climatic features of state, regional, and seasonal interest. Some graphs present information for "clusters". A cluster is a group of up to four (4) adjacent divisions that comprise an area of similar climate.

Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Climatic Data Center. The data are also available in digital form on magnetic tape and diskette.

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USCOMM-NOAA-ASHEVILLE, N.C. JUNE 1992-0585

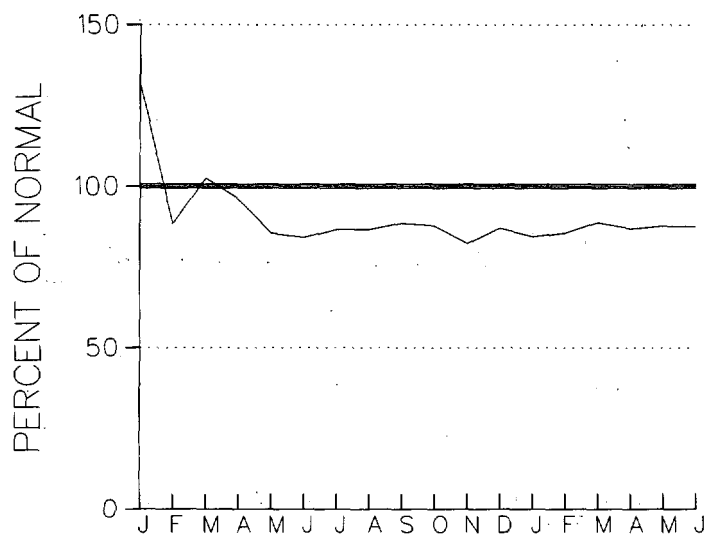
CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1951-1980) FOR THE LAST 18 MONTHS ENDING JUNE 1992. MARYLAND

CLUSTER 1 -DIVISION(S):
SOUTHERN EASTERN SHORE 01
CENTRAL EASTERN SHORE 02
LOWER SOUTHERN 03

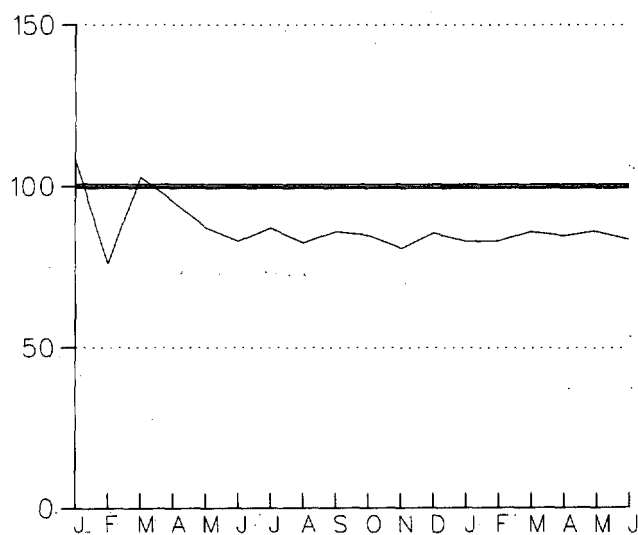
CLUSTER 2 -DIVISION(S):
UPPER SOUTHERN 04
NORTHERN EASTERN SHORE 05

CLUSTER 3 -DIVISION(S):
NORTHERN CENTRAL 06
APPALACHIAN MOUNTAIN 07

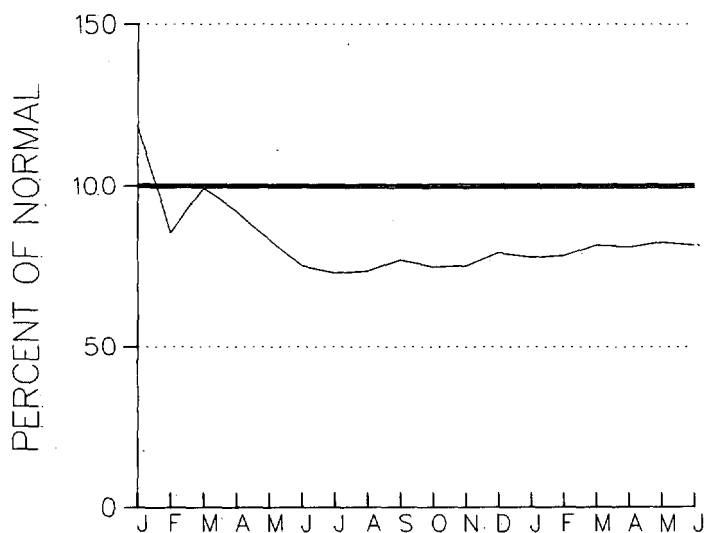
CLUSTER 4 -DIVISION(S):
ALLEGHENY PLATEAU 08



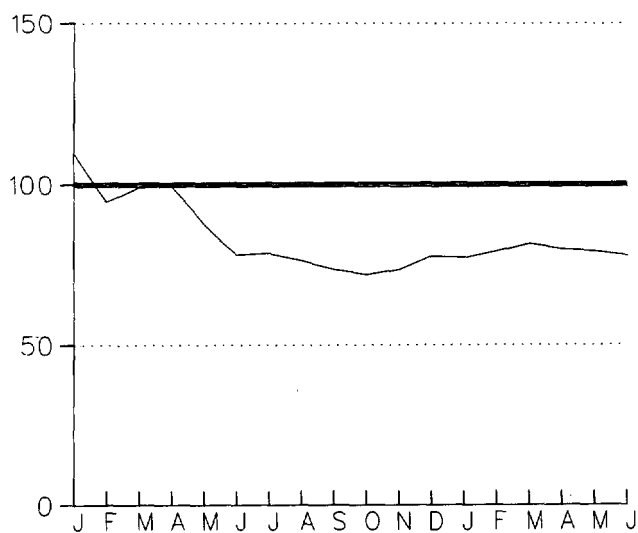
CLUSTER 1



CLUSTER 2



CLUSTER 3

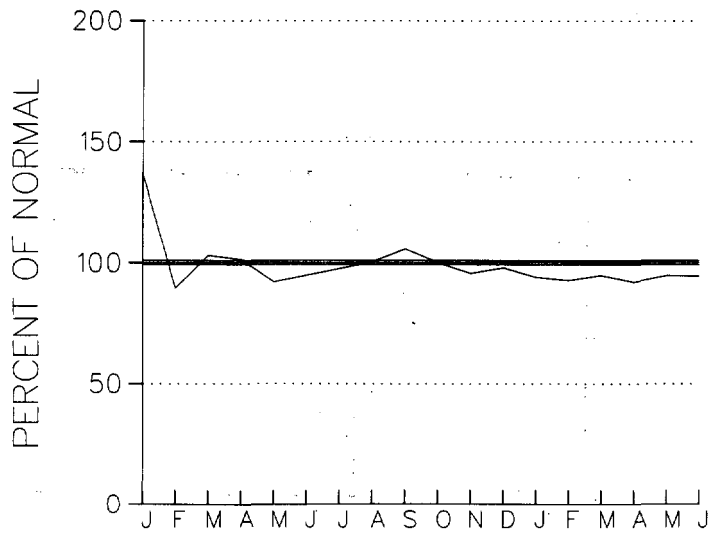


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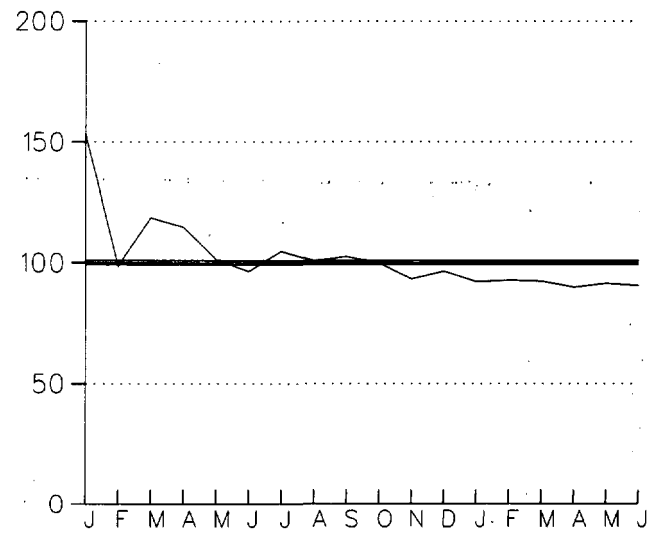
CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1951-1980) FOR THE LAST 18 MONTHS ENDING JUNE 1992 DELAWARE

CLUSTER 1 -DIVISION(S):
 NORTHERN 01

CLUSTER 2 -DIVISION(S):
 SOUTHERN 02



CLUSTER 1



CLUSTER 2

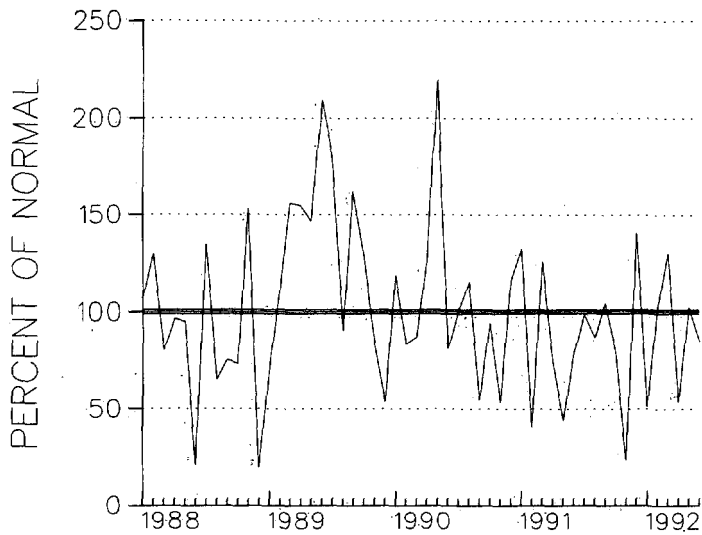
PRECIPITATION DEPARTURES FROM NORMAL (1951-1980)
FOR THE 54 MONTHS
ENDING JUNE 1992
MARYLAND

CLUSTER 1 -DIVISION(S):
SOUTHERN EASTERN SHORE 01
CENTRAL EASTERN SHORE 02
LOWER SOUTHERN 03

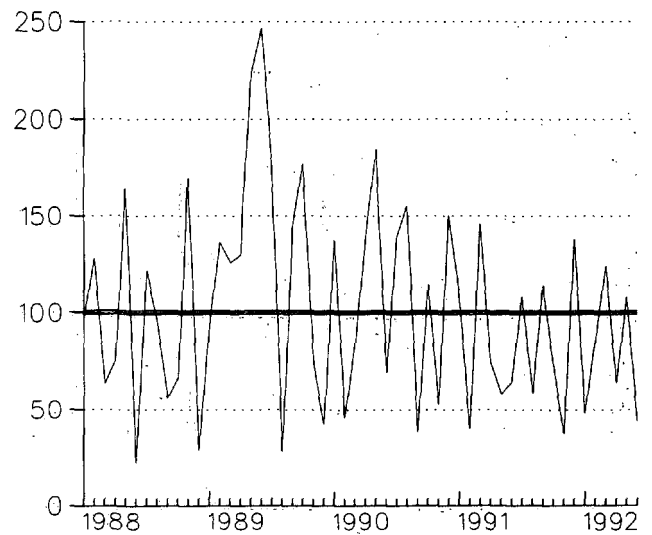
CLUSTER 2 -DIVISION(S):
UPPER SOUTHERN 04
NORTHERN EASTERN SHORE 05

CLUSTER 3 -DIVISION(S):
NORTHERN CENTRAL 06
APPALACHIAN MOUNTAIN 07

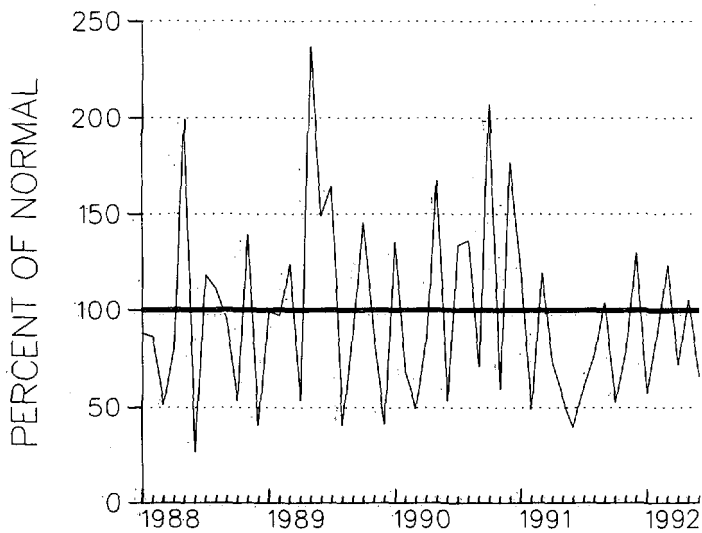
CLUSTER 4 -DIVISION(S):
ALLEGHENY PLATEAU 08



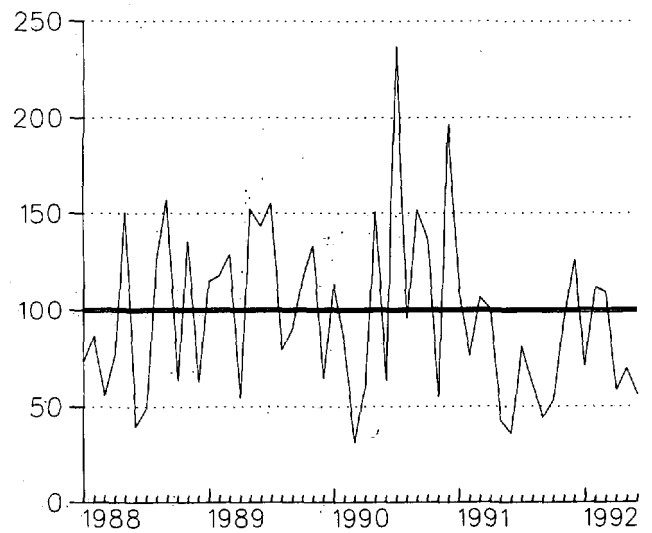
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CLUSTER 2



CLUSTER 3

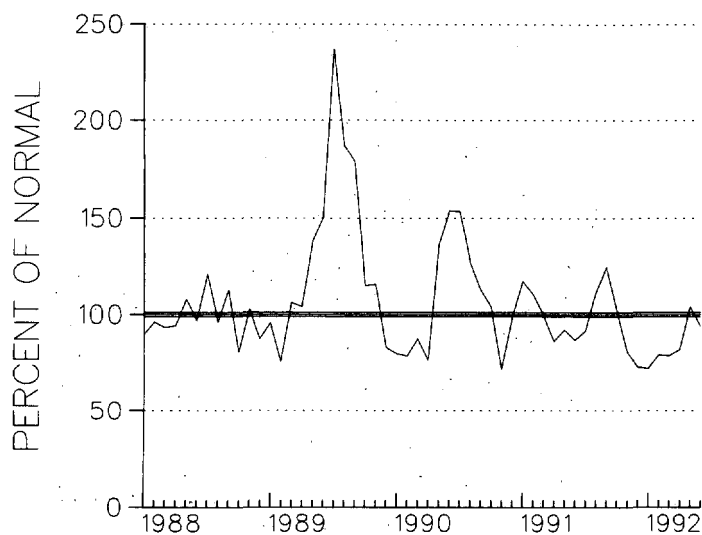


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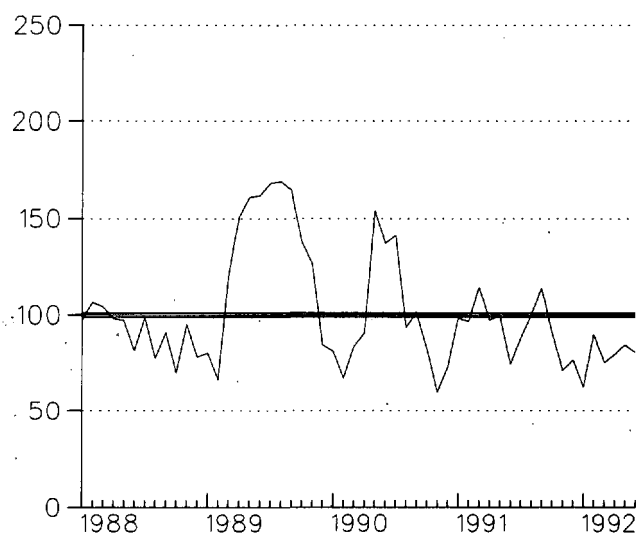
PRECIPITATION DEPARTURES FROM NORMAL (1951-1980)
THREE MONTH RUNNING MEAN
FOR THE 54 MONTHS ENDING WITH JUNE 1992 DATA
DELAWARE

CLUSTER 1 -DIVISION(S):
NORTHERN 01

CLUSTER 2 -DIVISION(S):
SOUTHERN 02



CLUSTER 1

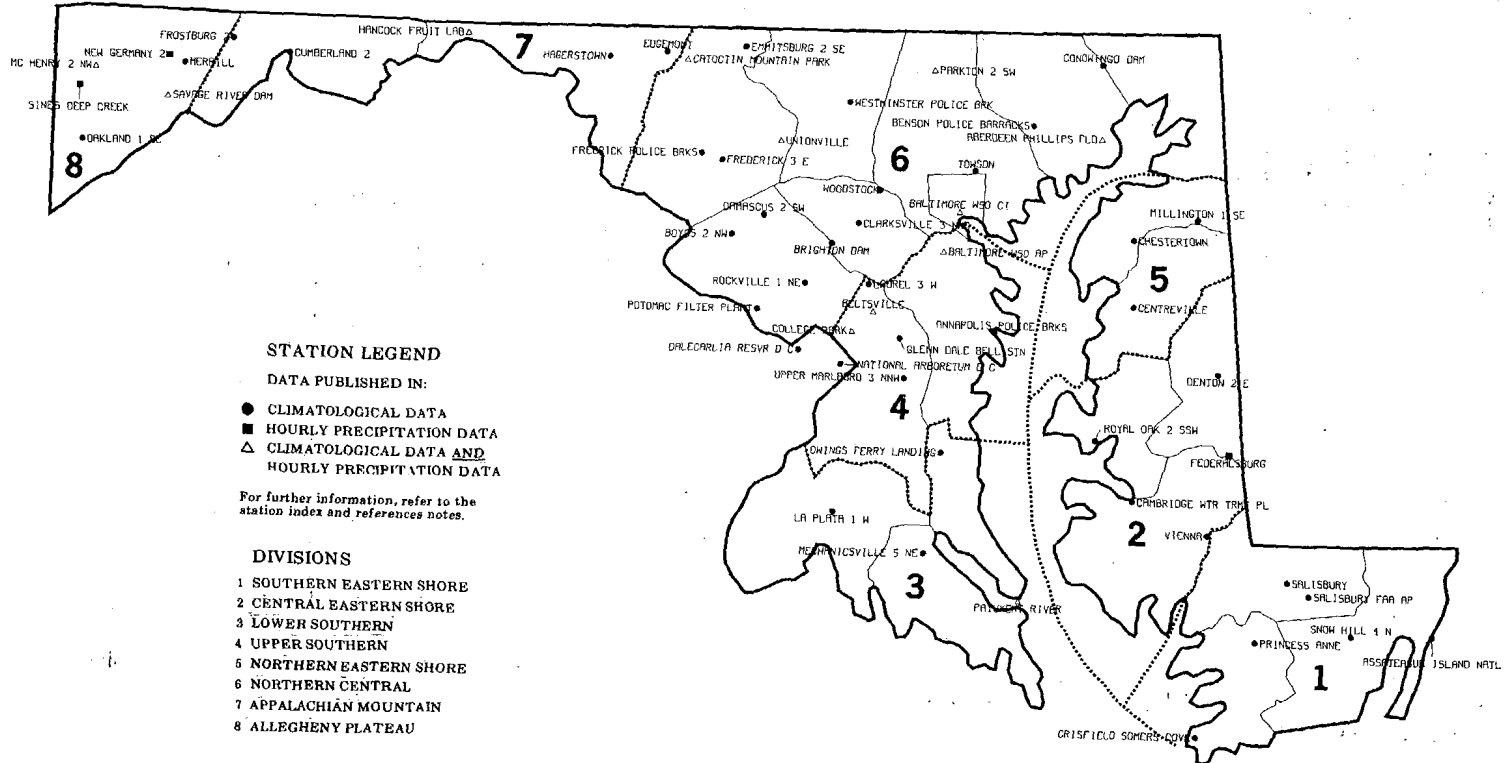
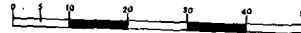


CLUSTER 2

18 - MARYLAND & D.C.

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29.5 AND 43.5 DEGS.

STATUTE MILES



STATION LEGEND

DATA PUBLISHED IN:

- CLIMATOLOGICAL DATA
- HOURLY PRECIPITATION DATA
- △ CLIMATOLOGICAL DATA AND
HOURLY PRECIPITATION DATA

For further information, refer to the
station index and references notes.

DIVISIONS

- 1 SOUTHERN EASTERN SHORE
- 2 CENTRAL EASTERN SHORE
- 3 LOWER SOUTHERN
- 4 UPPER SOUTHERN
- 5 NORTHERN EASTERN SHORE
- 6 NORTHERN CENTRAL
- 7 APPALACHIAN MOUNTAIN
- 8 ALLEGHENY PLATEAU

40.0 76.0

75.0

40.0

07 — DELAWARE

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29.5 AND 45.5 DEGS.

STATUTE MILES



STATION LEGEND

DATA PUBLISHED IN:

- CLIMATOLOGICAL DATA
- HOURLY PRECIPITATION DATA
- △ CLIMATOLOGICAL DATA AND HOURLY PRECIPITATION DATA

For further information, refer to the station index and references notes.

DIVISIONS

- 1 NORTHERN
- 2 SOUTHERN

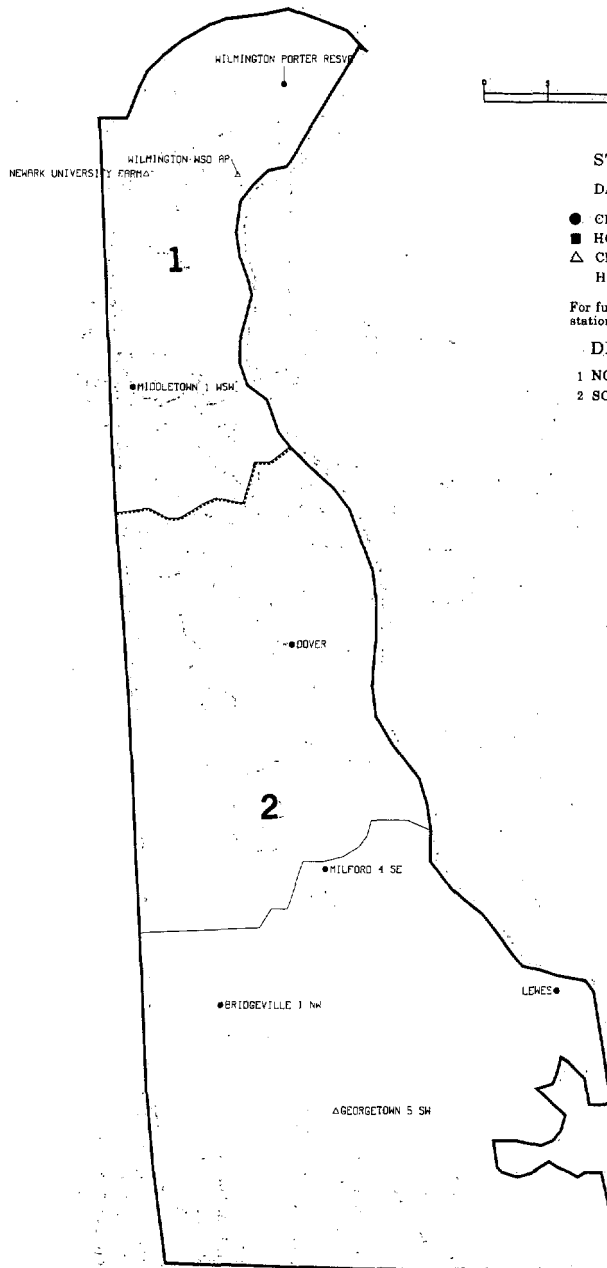
39.0

39.0

38.0 76.0

75.0

38.0



MONTHLY PRECIPITATION TOTALS													ANNUAL 1987 NORTH CAROLINA	
STATION	ANNUAL	MONTH												
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
NORTH CAROLINA														
ASHEVILLE WSO AP	34.57	1.11	1.85	2.75	0.57	3.55					4.19	5.28	4.28	
ASHEVILLE	25.67	0.71	1.57	1.81	0.53	2.88					4.15	2.77	4.14	
ASHFORD	36.74E	1.20	2.70	2.90	0.54E	1.20E					3.80	4.90	4.80	
BADIN		1.70	1.30	3.60	1.20E	1.50E					2.40	4.10	2.90	
B EVERETT JORDAN DAM		1.70	1.50	3.60							1.70			
BODMER 5 WSO		1.00	2.10	3.60										
BURLINGTON 3 HNE		0.80	1.92E	3.60										
CAPE HATTERAS WSO	48.86	5.75												
CARLISLE 8 SE		1.70												
CATALDOCKEE		0.5												
CHARLOTTE WSO AP	26.91													
CLINTON 2 NE														
DALTON														
DORSEY														
EDEN														
ELLIS														
FAYE														
FRANK														
GREENSBORO														
GREENVILLE														
HELMON														
HOBOKEN														
HURLE LURE														
LAURINBURG														
LEXINGTON														
MODERESVILLE 2														
ROSENHEAD CITY														
ROUSE PLEASANT														
N WILKESBORO 12														
POLKTON 2 NE														
QUEBEC														
RALEIGH-DURHAM WSO														
ROANOKE RAPIDS														
ROARING GAP 1 NW														
SHELBY 2														
SNEADS FERRY 2 ENE														
SWANANOA 2 SSE														
WILKINGTON WSO AP														
WILSON 3 SW														
YADKINVILLE 6 E	28													

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HOURLY PRECIPITATION DATA

DECEMBER 1987
WITH ANNUAL SUPPLEMENT
VOLUME 37 NUMBER 12

31 - NORTH CAROLINA

STATION INDEX

HOURLY PRECIPITATION DATA

NORTH CAROLINA

JANUARY 1987

VOLUME 37 NUMBER 1



HOURLY PRECIPITATION DATA is published monthly and presents daily, hourly, and maximum short duration data for recording rain gage stations in each state except Alaska. Also included are a published station index and a locator map for the state. In addition to the regularly published data, the December publication contains a tabulation of monthly and annual total precipitation amounts as an annual supplement.

SHELF STOCK of the printed publication is maintained only for the most recent 3 years. Earlier years are available on microfiche or paper copies reproduced from microfiche. The data is also available in digital form - on magnetic tape or floppy disk.

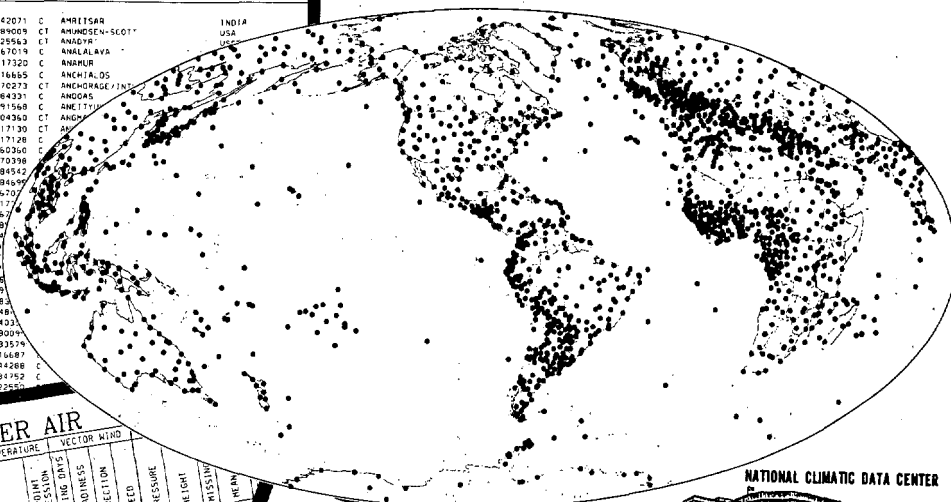
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37 Battery Park Avenue, Asheville, NC 28801-2696
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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE
NATIONAL CLIMATIC DATA CENTER
ASHEVILLE, NORTH CAROLINA

STATION LIST WMO PUB 9 VOL A

42146 C	ISOMARI MAJES	DMAN	62071 C	AMRETSAR
40831 C	ABADAN	IRAN, ISLAMIC REP	62071 C	AMNCHEN-SCOT*
47409 C	ABASHINJI	JAPAN	25563 C	ANADY*
13108	ABASHINJI, B.C.	CANADA	67019 C	ANALALAVA
54756 C	ABEHE	CHAD	17120 C	ANAMUR
03051	ABERDEEN/JOYE	U KINGDOM	16865 C	ANCHIA, DS
41113 C	ABHA	SAUDI ARABIA	70273 CT	ANCHIADAGE/IN
40570	ABJEJAN	COTE D'IVOIRE	64833 C	ANCHOS
72266	ABILENE, TX	USA	61580	ANCHITZ
41216 C	ABU DHABI BATEEN AIRPORT	U ARAB EMIRATES	04760 C	ANG*
41217 CT	ABU DHABI INTL AIRPORT	U ARAB EMIRATES	17128 CT	ANG*
62640	ABU HANEH	SUDAN	10730 C	ANG*
62795 C	ABU NA'AMA	SUDAN	13136 C	ANG*
76550	ACACUL, GTO.	EL SALVADOR	70398	ANG*
76805	ACAPULCO, GRO.	MEXICO	84545	ANG*
80427	ACAPULCO, GRO.	VENEZUELA	70398	ANG*
77592	ADANA	TURKEY	84545	ANG*
53450	ADOLIS ABABA	ETHIOPIA	570	ANG*
49672 CT	ADOLAIJO AIRPORT	AUSTRALIA	62071 C	ANG*
47467	ADEN KHOPRASKAS	OM: YEMEN	62071 C	ANG*
55585	ADJAKE	COTE D'IVOIRE	62071 C	ANG*
60620	ADRAR	ALGERIA	62071 C	ANG*
76679 CT	AEROP. INTL. MEXICO, D.F.	MEXICO	62071 C	ANG*
76844	AEROP. INTL. MERIDA, YUC	MEXICO	62071 C	ANG*
76394	AEROP. INTL. MONTERREY, N.L.	MEXICO	62071 C	ANG*
87582	AEROPACQUE	ARGENTINA	62071 C	ANG*
71750	AFYON	TURKEY	62071 C	ANG*
61024	AGADEZ	NIGER	62071 C	ANG*
60250	AGADIR	MOROCCO	62071 C	ANG*
61974	AGALESE	INDIA	62071 C	ANG*
42261	AGRA	INDIA	62071 C	ANG*
16672	AGRIJONIN (AIRPORT),	GREECE	62071 C	ANG*
42647	AGRIJONIN (AIRPORT),	INDIA	62071 C	ANG*
60560	AIN-SEPPA	ALGERIA	62071 C	ANG*
64459	AIQUON EL AIROUSS	MAURITANIA	62071 C	ANG*
07961	AJACCIO	FRANCE	62071 C	ANG*
31169	AJAM	MAURITANIA	62071 C	ANG*
71194	AKHISAR	FRANCE	62071 C	ANG*
47582 CT	AKTITA	FRANCE	62071 C	ANG*



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JANUARY 1988
VOL. 41 NO. 1

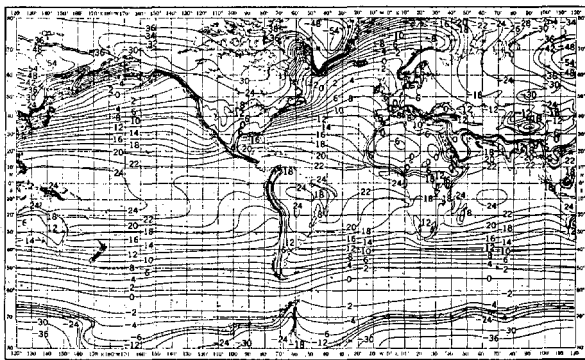
ISSN 0027-0296



MONTHLY CLIMATIC DATA FOR THE WORLD

PREPARED IN COOPERATION WITH THE
WORLD METEOROLOGICAL ORGANIZATION

JANUARY DEW-POINT TEMPERATURE (°C) - MEANS



I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM INFORMATION RECEIVED AT THE NATIONAL CLIMATIC DATA CENTER, ASHEVILLE, NORTH CAROLINA.

28801
Kenneth D. Haden
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

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MONTHLY CLIMATIC DATA for the WORLD (MCDW) is a publication of monthly summaries of climatic data from around the world. Data are prepared by Members of the World Meteorological Organization for selected stations and exchanged via the Global Telecommunications System in coded format.

Tables of both Surface and Upper Air data are presented. Surface data tables contain elements of pressure, temperature, vapor pressure, precipitation and sunshine. Upper Air tables contain geopotential heights, temperatures, dew point depressions, and vector winds for ten selected pressure levels between the surface and thirty millibars (hectopascals). A Station List is also provided which, in the January and July editions, contains all stations authorized for publication. In other months the list contains only those stations from which data no more than two months old have been recently received.

Currently, world maps of long term mean temperatures, dew points, and sea level pressures are included on the cover of the MCDW. The maps are generally representative of conditions during the 1950's to mid-1970's, however some data may be from as early as the 1850's.

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Betty Edstrom

Rudy Kittel

Joyce Morgan

Beulah Taylor

Grant Goodge - Chief

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National Climatic Data Center

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